

## UTILITY PATENT APPLICATION TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Attorney Docket No.: 010482

Date: March 6, 2002

Express Mail Label No.: EV 074 585 945 US

Customer No.: 023696

Bar Code

Label:

**\*23696\*****23696**

PATENT TRADEMARK OFFICE

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): **Jeremy D. Dunworth and Brett C. Walker**For: **DISCRETE AMPLITUDE CALIBRATION OF OSCILLATORS IN FREQUENCY  
SYNTHESIZERS**

Enclosed are:

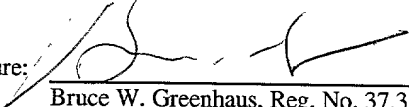
1. ☒ Patent application (24) total pages.
2. ☒ Drawings: ☒ Formal (9) sheets.
3. ☒ Declaration/Power of Attorney: ☒ Signed
4. ☒ An Assignment (2) pages and Recordation Form Cover Sheet.
5. ☐ A Preliminary Amendment ( ) pages.
6. ☒ Information Disclosure Statement (IDS):
  - a. ☒ PTO-1449
  - b. ☒ Copies of IDS Citations (number of citations: 1)
7. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	39 - 20	19	x \$18 =	\$342.00
Independent**	11 - 3	8	x \$80 =	\$640.00
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$
APPLICATION FILING FEE			\$740	\$740.00
			TOTAL FEE	\$1722.00

\*If the number in column a is less than 20, enter 0 in column b.

\*\*If the number in column b is less than 3, enter 0 in column b.

8. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1722.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: March 6, 2002Signature: Bruce W. Greenhaus, Reg. No. 37,339  
(858) 651-6399QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

010482

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Dunworth, et al.

For: DISCRETE AMPLITUDE  
CALIBRATION OF OSCILLATORS IN  
FREQUENCY SYNTHESIZERS

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HERewith on March 6, 2002

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Commissioner of Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No. EV 074 585 945 US  
Date of Deposit March 6, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231. The following documents are enclosed: TRANSMITTAL LETTER; PATENT APPLICATION (Spec. 24 pgs, Drawings in 9 pgs); COMBINED DECLARATION AND POWER OF ATTORNEY IN TWO (2) PAGES; ASSIGNMENT IN TWO PAGES; RECORDATION FORM COVER SHEET; INFORMATION DISCLOSURE STATEMENT; PTO-1449 FORM; ONE REFERENCE; and POSTCARD.

Victoria Pacey

(Name)

(Signature)

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-6399  
Facsimile: (858) 658-2502